

CLAIMS

What is claimed is:

1 1. A mount for a computer drive, comprising:
2 a base structure having a plurality of lateral retainers; and
3 a top structure mountable to the base structure over a drive region, wherein
4 the top structure comprises an arcuate drive interface extendable
5 into the drive region.

1 2. The mount set forth in claim 1, wherein the arcuate drive interface
2 is adapted to provide a compressive mounting force between the base structure and
3 the top structure.

1 3. The mount set forth in claim 1, wherein the arcuate drive interface
2 comprises a substantially cylindrical surface.

1 4. The mount set forth in claim 1, wherein the top structure comprises
2 a plurality of heat transfer structures.

1 5. The mount set forth in claim 1, wherein the top structure comprises
2 a pivot structure that is pivotally mountable to the base structure.

1 6. The mount set forth in claim 1, wherein the top structure comprises
2 a latch structure that is latchinglly mountable to the base structure.

1 7. The mount set forth in claim 1, wherein the plurality of lateral
2 retainers comprise a base retainer adapted to extend into an opening on the
3 computer drive.

1 8. The mount set forth in claim 1, wherein the base structure
2 comprises a tool-free chassis mounting mechanism.

1 9. The mount set forth in claim 8, wherein the tool-free chassis
2 mounting mechanism comprises a hand-engageable latching fastener.

1 10. The mount set forth in claim 8, wherein the tool-free chassis
2 mounting mechanism comprises a hand-engageable threading fastener.

1 11. A system, comprising:
2 a chassis;
3 a computer drive; and
4 a bendable arcuate mount disposed within the chassis adjacent the
5 computer drive.

1 12. The system set forth in claim 11, wherein the chassis comprises a
2 computer server.

1 13. The system set forth in claim 11, wherein the chassis comprises a
2 desktop computer.

1 14. The system set forth in claim 11, wherein the computer drive
2 comprises a hard disk drive.

1 15. The system set forth in claim 11, wherein the bendable arcuate
2 mount comprises a hand-engageable fastening mechanism.

1 16. The system set forth in claim 15, wherein the hand-engageable
2 fastening mechanism comprises a threaded fastener.

1 17. The system set forth in claim 15, wherein the hand-engageable
2 fastening mechanism comprises a latchable fastener.

1 18. The system set forth in claim 11, wherein the bendable arcuate
2 mount comprises a base bracket and a top latching bracket having a convex surface
3 forcibly bendable against the computer drive disposed between the base bracket
4 and the top latching bracket.

1 19. The system set forth in claim 11, wherein the bendable arcuate
2 mount comprises a plurality of heat transfer structures.

1 20. A mount for a computer drive, comprising:
2 means for laterally retaining the computer drive in a chassis; and
3 means for bendingly compressing to retain the computer drive vertically in
4 the chassis.

1 21. The mount set forth in claim 20, comprising means for transferring
2 heat from the computer drive.

1 22. A method for mounting a computer drive, comprising:
2 positioning the computer drive in a base mount structure within a chassis;
3 and
4 securing the computer drive between the base mount structure and a top
5 mount structure having a bendable arcuate drive interface.

1 23. The method set forth in claim 22, wherein positioning comprises
2 laterally retaining the computer drive.

1 24. The method set forth in claim 22, wherein securing comprises
2 forcing the bendable arcuate drive interface inwardly toward the base mount
3 structure.

1 25. The method set forth in claim 24, wherein forcing comprises
2 compressing the computer drive between the top and bottom mount structures.

1 26. The method set forth in claim 22, wherein securing comprises
2 coupling the top mount structure to the base mount structure with a hand-
3 engageable fastener.

1 27. The method set forth in claim 22, comprising coupling the base
2 mount structure to the chassis with a hand-engageable fastener.

1 28. The method set forth in claim 22, wherein securing comprises
2 contacting a plurality of heat transfer structures with the computer drive.